20000204.qrp v01_n721.qrl.20000204

Date: Fri, 4 Feb 2000 19:03:03 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1721

QRP-L Digest 1721

Topics covered in this issue include:

  1) [62083] Re: "Free" Internet access
     by Roger Hightower <n7kt@earthlink.net>
  2) [62084] FYBO 2k
     by jaywa5whn@juno.com
  3) [62085] PW-1 portable antenna... for car mobile?
     by Brien Pepperdine <pepperb@gov.on.ca>
  4) [62086] Where, when, and who's da fox?
     by FrConrad@aol.com
  5) [62087] PSK31
     by "Richard Matthews" <prm@hiwaay.net>
  6) [62088] Help with reflector / e-mail please
     by Kw4cz@aol.com
  7) [62089] Re: CCW and Dog days of yore. PSK-31
     by "Donny" <dsirait@centrin.net.id>
  8) [62090] Re: QRP Power designation
     by "Nick Kennedy" <nkennedy@tcainternet.com>
  9) [62091] Re: Briefcase Radio Station
     by Ray Colbert <af852@rgfn.epcc.edu>
 10) [62092] Re: QRP Power designation
     by Monte Stark <ku7y@dri.edu>
 11) [62093] Where, when, and who's da fox?
     by "Wilford D. Lindsey" <70511.3041@compuserve.com>
 12) [62094] Looking for Argo 509 Accessories - Trade for HW8?
     by "SAAD MAHAINI" <kb6vir@home.com>
 13) [62095] PSK-31 working the station I did not hear.
     by John R Kirby <n3aaz-qrp@juno.com>
 14) [62096] FOX MEAT AGAIN!!
     by Brian <brian@iquest.net>
 15) [62097] Re: FOX MEAT AGAIN!!
     by Roy <marion@montana.com>
 16) [62098] Re: Free internet access problems
     by "Steve Yates, AA5TB" <aa5tb@swbell.net>
 17) [62099] PSK31
     by "Randall M. Payne" <randyp@strato.net>
 18) [62100] OT: Free internet access problems.
     by "Vincent Ferme" <vferme@sprint.ca>
 19) [62101] QRQ Net Sentences For Sunday.

    by Ed Loranger <we6w@netzero.net>
20) [62102] Re: [Elecraft] 2 questions
    by "Walt Amos" <k8cv@netzero.net>
21) [62103] Finally a Fox
    by "Bob Tellefsen" <n6wg@earthlink.net>
22) [62104] 18mHz Miles per watt record
    by Jim Hale <kj5tf@yahoo.com>
23) [62105] NW8020 Manual
    by "J. Ervin Bates" <w8erv@email.msn.com>
24) [62106] Verticals and Radials
    by "Thom Durfee" <wi8w@arrl.net>
25) [62107] 12V 7AH Gel Cells For Sale
    by Tim English <tje@usol.com>
26) [62108] Kenwood TS-130V
    by Tim English <tje@usol.com>
27) [62109] FS: NC20, NC40A, (Ark4 sold)
    by Mont Pierce <km6wt@yahoo.com>
28) [62110] SK
    by Monte Stark <ku7y@dri.edu>
29) [62111] FYBO: KI6DS & AD6A 7-Land Operation
    by Dave Fifield <fifield@pacbell.net>
30) [62112] Horrors of 75 meters
    by "Jerry W. O'Dell" <jwodell@ameritech.net>
31) [62113] CW goodies FS
    by "Ken Simpson" <W8EK@fdt.net>
32) [62114] Re: PSK-31 working the station I did not hear.
    by "Pastor-kc1di" <ELBC@PIVOT.NET>
33) [62115] N7KSB
    by Kenneth Hoglund <hoglund@wfu.edu>
34) [62116] Re: Horrors of 75 meters
    by Wb8siw@aol.com
35) [62117] extreme QRPp
    by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
36) [62118] Re: extreme QRPp
    by "Diz - WB8QYY" <wb8qyy@one.net>
37) [62119] Re: low power psk31
    by Laura Halliday <va3ldh@sympatico.ca>
38) [62120] W0RSP & AA9DH on 1.8115 Mhz
    by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
39) [62121] Re: Horrors of 75 meters
    by WA5ACF@aol.com
40) [62122] Re: SK
    by Bill Jones <kd7s@psnw.com>
41) [62123] Relay Contacts...Need Some
    by Dave Barrett <DBarrett@creo.com>
42) [62124] Worth of HW-9 station?
    by Michael Melland <badger@vbe.com>
43) [62125] New Thread: Marking Wall Warts

by Jerry Haigwood <w5jh@swlink.net>
44) [62126] Re: Another OT: Marking Wall Warts
by "Mike Yetsko" <myetsko@insydesw.com>
45) [62127] Horrors of 75 meters
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
46) [62128] Re: New Thread: Marking Wall Warts
by N9DD@aol.com
47) [62129] Re: SK
by "Leigh Hawkes" <lhawkes@navnet.net>
48) [62130] RE: New Thread: Marking Wall Warts
by Karl Kanalz <KKanalz@excel.com>
49) [62131] Re: New Thread: Marking Wall Warts
by charles kadesch <chas@digizen.net>
50) [62132] Re: SK K7GE, Jim Larsen
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
51) [62133] Re: Free internet access problems
by KD1YV <kd1yv@mindspring.com>
52) [62134] Re: New Thread: Marking Wall Warts
by Glen Reid <k5fx@flash.net>
53) [62135] Re: New Thread: Marking Wall Warts
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
54) [62136] Re: [Elecraft] 2 questions
by Allan G Taylor <agtaylor@llnl.gov>
55) [62137] FOX: Schedule
by "Tom" <tmccullo@suffolk.lib.ny.us>
56) [62138] Re: SK
by Allan G Taylor <agtaylor@llnl.gov>
57) [62139] Re: Marking Wall Warts
by Monte Stark <ku7y@dri.edu>
58) [62140] OT: need 486/80 chip cooling fan for shack computer
by Allan G Taylor <agtaylor@llnl.gov>
59) [62141] Re: [Elecraft] 2 questions
by Monte Stark <ku7y@dri.edu>
60) [62142] RE: need 486/80 chip cooling fan for shack computer
by Dave Barrett <DBarrett@creo.com>
61) [62143] Reminder for the FEBRUARY SPARTAN SPRINT
by Russ Carpenter <russ@natworld.com>
62) [62144] Re: OT: need 486/80 chip cooling fan for shack computer
by Allan G Taylor <agtaylor@llnl.gov>
63) [62145] Valentines reminder/XYL Happiness!!
by BOBOBOB1@aol.com
64) [62146] 486 chip fan cleanning
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
65) [62147] Re: Valentines reminder/XYL Happiness!!
by Monte Stark <ku7y@dri.edu>
66) [62148] Re: 6 meter transverter
by Frank Alwine <n1gpy@together.net>
67) [62149] Re: Resist pen

    by Rod Johnson <ka7you@juno.com>
 68) [62150] QRP Valentine
    by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
 69) [62151] Re: Valentines reminder/XYL Happiness!!
    by Rod Cerkoney <n0rc@yahoo.com>
 70) [62152] FOX: Schedule
    by "Wilford D. Lindsey" <70511.3041@compuserve.com>
 71) [62153] PROP: FYBO Outlook
    by "Paul Harden, NA5N" <na5n@rt66.com>
 72) [62154] Re: QEX CD does not "Browse"
    by "Frank Krozel" <frank@electronicinstrument.com>
 73) [62155] Re: New Thread: Marking Wall Warts
    by Wb8siw@aol.com
 74) [62156] FOX: A Happy Accident
    by "Franco, Nicholas J" <franco@bnl.gov>
 75) [62157] Re: 6 meter transverter
    by Arjen Raateland <Arjen.Raateland@vyh.fi>
 76) [62158] RE: A Happy Accident
    by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
 77) [62159] Re: Resist pen
    by tbessler@OregonVOS.net (Tom Bessler)
 78) [62160] Re: extreme QRPp
    by Larry Cahoon <wd3p@juno.com>
 79) [62161] serial ports
    by "Junius Fox" <w5hir@ghg.net>
 80) [62162] PSK31 frequencies
    by "Junius Fox" <w5hir@ghg.net>
 81) [62163] Re:OT:Free 0ISP's
    by K1DXradio@aol.com
 82) [62164] Re: OT: Free ISP's
    by K1DXradio@aol.com
 83) [62165] Re: PSK31 frequencies
    by Tom M <tjmc@erols.com>
 84) [62166] Re: Valentines reminder/XYL Happiness!!
    by Monte Stark <ku7y@dri.edu>
 85) [62167] Re: 6 meter transverter
    by Dave Sjolin <sjolin@swbell.net>
 86) [62168] Deja Vu All Over Again - with apologies to Yogi
    by n5ib@juno.com
 87) [62169] Re: PSK-31 stand alone
    by "Graeme Zimmer" <gzimmer@bigpond.com>
 88) [62170] Want SGC
    by "A. Jenkins" <beaks@westco.net>

Date: Thu, 03 Feb 2000 17:03:33 -0700
From: Roger Hightower <n7kt@earthlink.net>

To: dub@oklahoma.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [62083] Re: "Free" Internet access
Message-ID: <389A1755.F6E3E943@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Probably. I notice that Earthlink's Phoenix access number is the same as that for QSL.net. My connections are really slow in happening. Too much contention?

72...Roger, N7KT

Date: Thu, 3 Feb 2000 16:57:50 -0700
From: jaywa5whn@juno.com
To: qrp-l@lehigh.edu
Subject: [62084] FYBO 2k
Message-ID: <20000203.165756.-186273.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

We will check 28.385 MHz USB +/- QRM on the hour for Novice/Techs. The band conditions look pretty good after 1900 UT on 10 meters.

72...Jay, WA5WHN {W5BI, NM, multi-op - single tx}

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

Date: Thu, 3 Feb 2000 19:21:50 -0500 (EST)
From: Brien Pepperdine <pepperb@gov.on.ca>
To: qrp-l@Lehigh.EDU
Subject: [62085] PW-1 portable antenna... for car mobile?
Message-ID: <Pine.OSF.4.05.10002031909260.8673-100000@govonca2.gov.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi.
I would like to correspond with or hear details with anyone having used

and have experience with Vern Wright's PW-1 portable antenna.
I have an intent on a car mobile antenna I could mount on a base platform
on the car's Thule roof rack, so am interested in performance, weight,
ruggedness, etc. The gamut.

This appears to be lighter weight 'screwdriver' adjustable coil design
meeting my mental image of what I could put up - plus it approaches the
idea of the optimum of centre-loaded coil design antenna.
Also not so very long in length but still long enough to actually work.
Actually I'd have been able to live with it being longer, but I expect he
was trying to have something other than a portable SLV antenna all over
again.
(if it
works, it might also work on the motorcycle, when I am stopped
of course. I don't think I can manage a litre of engine performance on two
wheels of gyroscopic movement and still do radio. Can't say I'd want to
try that trickiness...)

A St. Louis
Vertical, at 20 feet in length plus when on top of the automobile, might
not be the best thing
for passing under the railroad/way bridges on the Interslab.

Thanks for
reponses.

Brien Pepperdine
Amateur Radio Station VE3VAW
Toronto, Ontario Canada
ARCI #8773 - NORCAL ZOMBIE

Date: Thu, 3 Feb 2000 19:37:13 EST
From: FrConrad@aol.com
To: qrp-l@lehigh.edu
Subject: [62086] Where, when, and who's da fox?
Message-ID: <d9.cb6487.25cb7939@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

To whom...

Due to an overly enthusiastic use of the delete key, I've managed to lose the
latest FOX warning.

Will the furry feller be running tonight?

John+
WB6MFS

Date: Thu, 3 Feb 2000 18:37:18 -0600
From: "Richard Matthews" <prm@hiwaay.net>
To: "q" <qrp-l@Lehigh.edu>
Subject: [62087] PSK31
Message-ID: <004301bf6ea7$fef499a0$6f85150c@scottsboro.org>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am listening to my first received PSK31 on 7.071 using digipan with my
DSW-40 feeding directly into my microphone input on my notebook computer.

I like it, amazing see the other signals nearby

73 de WA4NWW Richard

Date: Thu, 3 Feb 2000 19:50:47 EST
From: Kw4cz@aol.com
To: qrp-l@lehigh.edu
Subject: [62088] Help with reflector / e-mail please
Message-ID: <76.177909f.25cb7c67@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Need help (it appears) with unsubscribing from reflector with old call sign
and making sure I am still on with new call sign e-mail

Thanks,
Gordon kw4cz

Date: Fri, 4 Feb 2000 07:57:10 +0700
From: "Donny" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [62089] Re: CCW and Dog days of yore. PSK-31
Message-ID: <000401bf6eae$3ac33620$bef992ca@donny>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear Folks,

How do I tune to an unheard PSK31 signals?
You tune to a PSK31 signal with a tuning indicator,
at Peter's Martinez G3PLX software you look at
the waterfall indicator when you tune across the
band and when you see several lines on the
indicator then there is a PSK31 signal then adjust
the frequency until you have the indicator aligned
straight line top down.
You can also tune a PSK signal with an outboard
signal indicator. A circuit diagram is mentioned at
QST Dec 1999 pp 35-37 by W8LGV Don Urbytes.

A heard signal is helpful but you can do it without
the signal being audible and that's the fun of PSK31.

My $ .02 worth.

vy 72/73 de Donny YB6LD/1
Bekasi Indonesia

Date: Thu, 3 Feb 2000 19:32:21 -0600
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [62090] Re: QRP Power designation
Message-ID: <009d01bf6eaf$af87ada0$205c32cf@Bleh.Bleh>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Bob Kellogg <ae4ic@nr.infi.net>
>
>Maybe we should seriously consider using "W" in place of a decimal
point
>when describing QRP power

It sounds good, but I dunno ... people still haven't caught on to "R"
after a zillion years.

It sort of reminds me of how every few years (or several times a
year), someone will point out how useless the RST system is. They may
then propose a new one that makes sense. But it never catches on.

Or maybe it's like trying to get a dinosaur like me to embrace the
metric system. Yes, it's much better than the English system, but ...

Well, I don't want to sound *too* negative. So I'm QRV to copy 1500
mW as 1w5 any time. And if it catches on, I'll claim I always knew it
would.

7200E-2,

Nick, Wa5BDU
in Arkansas

Date: Thu, 03 Feb 2000 18:37:07 -0700
From: Ray Colbert <af852@rgfn.epcc.edu>
To: qrp-l@lehigh.edu
Subject: [62091] Re: Briefcase Radio Station
Message-ID: <389A2D43.480D7684@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Interesting post Rick. I went to the club web site and that
is a very nice newsletter, and plan to go back to look again
as I only went to page 3 at the time to look at the portable
station.
It looks like a Zero case that he is using for his installation.
Very nice the way the front plate is mounted on the lid so
that when open, it is at eye level.
I too have used the Zero case for my QRP+ station but found
the Pelican case a bit better or more to my liking. I carry
the QRP+, R/s 3 amp power supply, 7ah gel cell, a wall wart,
pi-net tuner with both bnc and beehive connectors on the rear,
HM9 swr/watt meter, various coax jumpers, test leads, vom, and
100 ft spool of #24-26 enameled wire. Nice, compact, and
pretty complete station, that.
Thanks for providing the info, Rick.

73
Ray

--
"The more I see of the representatives of the people,
the more I admire my dogs."
letter from Count d'Orsay to John Foster 1850

Ray Colbert, W5XE, OOTC 3618, SOWP 1064M NARTE-NCT2
(also w5xe@juno.com   El Paso,(FAR WEST) TEXAS

Date: Thu, 3 Feb 2000 17:37:09 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Nick Kennedy <nkennedy@tcainternet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [62092] Re: QRP Power designation
Message-ID: <Pine.GSO.4.10.10002031733550.5976-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Nick and All,

Bottom line is that a good operator will understand
what is being sent no matter how it's sent!

I don't think anyone on this list would be thrown off
if they heard any of the following:

1.5 w
1R5 w
1W5
1500 mW

Just before you hear that, you will have heard something
like "pwr hr is abt"

So I don't see much point in worrying about how it's done!

:-)

Metric/English......boy, now there's one to stay away from!

cul,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.......WHINERS #1........ZOMBIE #18.....

Date: Thu, 3 Feb 2000 20:40:37 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:FrConrad@aol.com" <FrConrad@aol.com>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [62093] Where, when, and who's da fox?
Message-ID: <200002032044_MC2-9792-7F23@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
      charset=us-ascii
Content-Disposition: inline

John:

Here is the note from tonight's FOX--who is on right now about 7.042.2 or so. He posted this 1/31/2000 at 2056. Only 549 here during our QSO at 0109, but I'll take it.

>>Hello fellow hunters.
I have the honor of filling in this Thursday night for W8SFF.
I will keep the same sked and start at 0100 Feb 4th.
The station will consist of a Ten-Tec Argonaut II and McCoy dipole with a power of about 5 Watts. Qth is Waterford, MI (just west of Pontiac)
Good Hunting Mike WS8D

mdomeier@worldnet.att.net
ws8d@arrl.org<<

Hope this is useful. Go get him. BTW, he is working about 20 wpm and taking his time to get it all right.

72,
--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
K0EVZ@arrl.net

Date: Thu, 3 Feb 2000 20:04:17 -0600
From: "SAAD MAHAINI" <kb6vir@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [62094] Looking for Argo 509 Accessories - Trade for HW8?
Message-ID: <039001bf6eb4$24eacec0$99610718@c686289-a.plano1.tx.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I'm looking for all Argo 509 accessories. Please let me know what you have,
with the condition and price. I can buy outright or work out a trade deal
for a nice HW8 I have.

73s Saad

Date: Thu, 3 Feb 2000 21:14:03 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: ku7y@dri.edu, qrp-l@Lehigh.EDU
Subject: [62095] PSK-31 working the station I did not hear.
Message-ID: <20000203.211509.-231793.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello Ron and Group,

Question ask . . .
>If you can't hear the other station, how do you find them?
>others might also
>be wondering the same thing.....

Software AFC . . .

If you are the originating station (calling CQ) turn your (software) "NET
TX FREQ" ON.
If you are the answering station turn your NET OFF else the QSO frequency
will "walk"
(the transmitter output "on the air" frequency is controlled by the
software).

So after going sk with a VE2 (that I could hear with my ear) a G4 called me. I could not hear the G4 signal with my ear (yes, the speaker volume was up) I only saw his print on my monitor. My RST was 329, I gave him a 319. We were both very generous, I was only 5W to a G5RV/BALUN on 20M. The QSO lasted twenty minutes, my worse case print was about 80%, we went QPSK with a little improvement. I never did "hear" his signal and NEVER touched my receiver tuning control, in fact I "locked" the tuning control just in case it got bumped.

>FYI< that same software "lock function" also allows for PSK-31 roundtable QSOs, all stations "answer" the >NET< control station then nobody touches a tuning control (all stations "track" the NET station). The software I use was written by G3PLX (thanks again Peter). I do not know if other more recent writer's software offer a >NET< function.

PSK-31 in keyboard to keyboard rag chew mode is so much more relaxed than other digital modes. PSK-31requires much less bandwidth (only 31 Hz), hence less QRM to other modes.

Remember, too, PSK-31 >>IS<< a SSB mode. Ham radio voice on SSB requires about 3 kHz of bandwidth, however, extra RX filtering for PSK-31 is not required (software takes care of all that "stuff").

FYI
Hint 1), PSK-31, weak signal success comes NOT from more narrow filtering rather more (louder) receive volume to the sound blaster card. Use the radio >LINE< port AND use the sound blaster >LINE< port (not the "mike" ports), then run the "LEVEL SET" test.
Hint 2) Turn off all transmit signal processing, to include VOX, the software has PTT built in for that function.
Hint 3) Keep it clean, RUN the built in >HALF POWER< splatter test from the HELP file.

Stoked?

John
N3AAZ
FM19xa

On Thu, 3 Feb 2000 07:30:25 -0800 (PST) Monte Stark <ku7y@dri.edu> writes:
>On Thu, 3 Feb 2000, John R Kirby wrote:
>
>> You bet.
>> PSK31 is one super,
>> weak signal mode,
>> unbelievable!
>> You can work a station (Europe-G3 / US-N3 > 5 W) and

>> never hear
>> (from the speaker with your ear)
>> his signal.
>>
>
>Hi John,
>
>I'm including the list because I think others might also
>be wondering the same thing.....
>
>If you can't hear the other station, how do you find them?
>
>Or is all this work done on schedules?
>
>I may give this a try later this year....
>
>Thanks,
>
>73, Ron
>
>.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
>.....SOWP 5545M.......WHINERS #1........ZOMBIE #18.....
>

_____
YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

Date: Thu, 03 Feb 2000 21:32:07 -0500
From: Brian <brian@iquest.net>
To: Roy AB7CE <marion@montana.com>, Dan N4ROA <n4roa@mounet.com>, Ron KI0II
<ki0ii@arrl.net>, QRP-L <qrp-l@lehigh.edu>
Subject: [62096] FOX MEAT AGAIN!!
Message-ID: <389A3A27.6280AA53@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Can't ever get enough fox meat! Two in one week, it sure feels good to
be able to contribute to my team, the Underdogs.

Mike was 599 at 0100 in Indy but by 0145 he was 459 at best with QSB
and QRM galore.

Mike did a great job as fox, Steve should be proud of his replacement.

Mac...you'll love this, right before foxtime, I checked into the
Canadian Sandbox Net on 7063.5...they were SSB, I was A1A...got a 579
from NCS in Thunder Bay and Juan in Argentina could hear me but I
couldn't make out his report. He was 22 here.

I find I like checking into SSB nets using CW...does this mean I'm
weird?

WX is nasty tonight...sleet, snow, freezing rain...gonna make my
attempt at FYBO on Saturday a bit more challenging.

72 de KB9BVN

Oh Doc....you were 559 in Indy tonight, nice tone, standard great
fist.

--

==
       KB9BVN -NORCAL #2792 FISTS #5695 QRP-L #1540
        39.558 N   86.095 W   Johnson Co., Indiana
     GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
 Proud to be a member of the American Radio Relay League
        Foxhunting Team UNDERDOG - Underdog #4
   FISTS Century Club #764 - FISTS QRP Century Club #24
==

Date: Thu, 03 Feb 2000 07:48:34 +0000
From: Roy <marion@montana.com>
To: brian@iquest.net, Dan N4ROA <n4roa@mounet.com>, Ron KI0II <ki0ii@arrl.net>,
QRP-L <qrp-l@lehigh.edu>
Subject: [62097] Re: FOX MEAT AGAIN!!
Message-ID: <200002040248.TAA12917@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:32 PM 2/3/00 -0500, Brian wrote:
>Can't ever get enough fox meat! Two in one week, it sure feels good to
>be able to contribute to my team, the Underdogs.
>
>Mike was 599 at 0100 in Indy but by 0145 he was 459 at best with QSB
>and QRM galore.
Way to snag fur Brian. He was weak into here, but his method allowed me to

get him. Wx has been spring thaw like here. Kinda scary. Probably will snow/rain all summer in revenge. That might be desirable. If it stays this dry, its going to be one wicked fire season. Go Underdogs! Roy AB7CE

Date: Thu, 03 Feb 2000 21:03:26 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: w3fpr@arrl.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [62098] Re: Free internet access problems
Message-ID: <003901bf6ebc69036380c928bcd0@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Don,

I recently installed "Bluelight.com" and everything worked fine. It used my existing Yahoo mail account and it recognized it just fine. My SWBell account still works too. I can switch between the two okay. But I've only been using it for a couple of days. By the way, I simply uninstalled the Yahoo Messenger software to get rid of that nuisance.

Could you give a little more information on what you meant when you said "THEN, I discovered that something had bound file and
printer sharing to the TCP/IC protocol."? I assume that this means someone can remotely access your files and printer via the Internet connection? Yikes!

Thanks.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
http://home.swbell.net/aa5tb

Date: Thu, 03 Feb 2000 22:07:12 -0500
From: "Randall M. Payne" <randyp@strato.net>
To: qrp-l@Lehigh.EDU
Subject: [62099] PSK31
Message-ID: <3.0.6.32.20000203220712.007a3ba0@mail.strato.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone running PSK31 with an HTX100? If I can get my second computer
running, I'd like to give this a try and would appreciate any info I can
get on wiring to the radio (which mike jack pins for audio, push-to-talk).
Thanks.
72/73
Randy K4EZM

Date: Thu, 3 Feb 2000 22:30:03 -0500
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [62100] OT: Free internet access problems.
Message-ID: <001301bf6ec0$212f7e00$af706395@vince>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Group,

Bluelight works fine here. Uninstalled the Yahoo Messenger and toolbar.

This is my third "free" access besides the paid one and they all work much
better than I expected for a "free" service. As for the ad banner, I don't
understand the problem, it's a lot worse on TV. I don't even notice the banner
is there, but don't tell Bluelight and the others. :))

I think it's an excellent option if you have a local access number. I also think
it allows people that would not normally be on-line to do so.

73 de Vince, VA3VF.

----- Original Message -----
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
I recently installed "Bluelight.com" and everything worked fine. It used my
been using it for a couple of days. By the way, I simply uninstalled the
Yahoo Messenger software to get rid of that nuisance.

Date: Thu, 03 Feb 2000 19:43:02 -0800
From: Ed Loranger <we6w@netzero.net>

To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>,
nb6m@nss4.cc.lehigh.edu, Ben <BenNW7DX@aol.com>, Randy Foltz
<rfoltz@turbonet.com>,
     John <cqdx@teleport.com>
Subject: [62101] QRQ Net Sentences For Sunday.
Message-ID: <389A4AC6.A8A47484@netzero.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here's the QRQ Net Practices sentences for this coming
Sunday, USA, 7 PM on 7039 KHz. (0300Z, Monday UTC):

[Derived from the 19th Edition of the Radio Handbook, Bill
Orr, W6SAI]

1) General Q measurements use the impedance, resonance
     or bridge method.

2) The Q formula for an inductor uses RF, not DC Resistance.

3) Desireable Q measurements are: Loaded, unloaded, and
      component Q.

Have dinner then sit back and enjoy the practice reaching past
your ragchew speed.

See you there!   72/Ed we6w
--
72/Ed we6w; AR Millennium Q's=>2479/2000 A-1 OP
http://www.qsl.net/we6w Santa Rosa, CA
QRP-Z#106 AR#112 HI#64 ARCI#9397 ARS#275 QRPL#1068 NC#2227

____
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Date: Thu, 3 Feb 2000 14:56:11 -0000
From: "Walt Amos" <k8cv@netzero.net>
To: "Don Wilhelm" <w3fpr@arrl.net>
Cc: "Elecraft List" <elecraft@qth.net>, "Qrp-l Posts" <qrp-l@lehigh.edu>
Subject: [62102] Re: [Elecraft] 2 questions
Message-ID: <000301bf6ec5$59b351c0$6a891b26@waltk8cv>
MIME-Version: 1.0

Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I must be STUPIDLY OLD-FASHIONED but I just changed the K-2 to manual key right after I tested that the internal keyer worked and have never used it again (the internal keyer that is) and use my cmos III all the time! When I use the computer to key the rig I really key the back of the cmos III and have a Y plug there. The male part plugs into the RCA on the keyer back panel and the male leads from the rig and computer plug into the female part of the Y ! Has been working just fine for me ! :-)

Walt K8CV Royal Oak, Michigan K-2, original knob and I sneak out to the shack late at night and worry about the PA option!

----- Original Message -----
From: "Don Wilhelm" <w3fpr@arrl.net>
To: "Paul Helbert, Wv3j" <phelbert@rica.net>; "K2" <elecraft@qth.net>
Sent: Thursday, February 03, 2000 03:28
Subject: Re: [Elecraft] 2 questions

> Paul and all,
>
> When the K2 firmware senses a closure on both the dot and dash contacts at
> the same time - when this condition is sensed, the transmitter is keyed
for
> the duration of the closure rather than keying a string of alternating
dots
> and dashes.
> Since the diodes are there only to isolate the hand key (or computer
output)
> from the paddles, if the paddles are not present (i.e only external keyer
or
> computer or hand key), there is no need for the diodes.
>
> Paul, I am curious why you HAD to change the input menu - did it not work
> correctly with BOTH the dot and dash inputs connected to your keyer
output,
> or was it just not reliable. I am just about to lash mine up to a
computer
> output and I planned to have the paddles connected at the same time, so if
> you had problems, I would like to know what to avoid.
>
> 73,
>
> Don Wilhelm -Chapel Hill, NC

> W3FPR   QRP-L # 485   K2 SN 0020
>
> -----Original Message-----
> From: Paul Helbert, Wv3j <phelbert@rica.net>
> >A few days ago I saw mention of using output from a CMOS Superkeyer
> >directly into the key jack of the K2. I thought it was stated that one
> >could go directly without any diodes or whatnot and that it would be
> >unnecessary to change the input menu item. Well, this evening I rigged
> >it up and did have to change the input menu, but do now have use of my
> >CMOS SuperKeyer II's four memories as well as the nine in the K2.
> >Previously I thought we had to choose. What's going on here? Any
> >chance I'll blow some smoke out of the rig or the keyer?
> >
>
>
>
> ---
> Submissions: elecraft@qth.net
> Please note: The list server automatically rejects HTML encoded emails.
> List Archive page: http://www.qth.net/archive/elecraft/elecraft.html
> Elecraft Web Page: http://www.elecraft.com
>
>

____
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Date: Thu, 3 Feb 2000 20:03:37 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [62103] Finally a Fox
Message-ID: <01bf6ec4$cff5a190$bcd2fc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike's signal was mighty welcome out here on the left coast. I missed the last two on the right coast. Just couldn't pull them through.
Mike was mostly too weak to copy for most of his run, but around 0245Z, he came up enough for me to give it a try. A couple of calls, and there he was, about 229.
Any thinnnner and you could see through him.
Many thanks, Mike.

73, Bob N6WG

Date: Thu, 3 Feb 2000 18:36:59 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [62104] 18mHz Miles per watt record
Message-ID: <20000204023659.18445.qmail@web705.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

This is getting more and more fun!

Today I got a QSL card in the mail I didnt think I was
going to recieve.

VE3MFN in Fenwick, Ontario copied my 5mW on 18,077mHz
in december 1999. Thats around 880 miles & 176,000MPW.

The old record was 44,180mpw set in 1992.

This beats my 59,999mpw QSO two weeks ago by a ways.

My antenna for this QSO was a inverted Vee at 25ft.

I'm pushin these records UP, but you can still beat
me!

I think 160m & 30M are good bands to try. And I might
be looking to beat the 1.6 million miles per watt on
30M soon.

Check out the updated records on all bands on my
website.

Be SURE to see the 12M tree quad, and have a chuckle!

72 & 71's de Jim KJ5TF
"All milliwatts, All the time"

=====
Ham radio/alt energy - http://www.qsl.net/kj5tf/
http://www.madisoncounty.net/~kj5tf/
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
http://www.qrparci.org/arcijoin.html

AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

_____
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

Date: Thu, 3 Feb 2000 23:15:33 -0500
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [62105] NW8020 Manual
Message-ID: <006b01bf6ec6$7b6bb720$0c451b3f@win98>

Well I am assuming this is the correct model number for this little Elekraft rig. It is 20m and I am interested in finding a copy of a manual for it.

This is my first QRP rig and I hope to take it North for vacation this year, but I must now purchase and build (I want to build these) a tuner, wattmeter/swr meter and a keyer for this rig. I have set a goal to get my code proficiency up to at least a solid 17wpm <consitently>. All suggestions will be appreciated, but reply direct please, so we can avoid a large reply list in this forum.

Anyone having a copy they wish to duplicate for me would be most welcome and I am willing to pay postage and copy costs for your trouble. Please reply direct and thanks to Doc for his encouragement in QRP. Can't wait to crank this baby up!

72,
Erv W8ERV

Date: Thu, 3 Feb 2000 23:53:51 -0500
From: "Thom Durfee" <wi8w@arrl.net>
To: <qrp-l@lehigh.edu>
Subject: [62106] Verticals and Radials
Message-ID: <001801bf6ecb$d5167b20$cbe32fd8@tdurfee>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I follow vertical threads with great interest because they are my favorite antennas. I cannot have one now that I live in a apartment building but I sure use them portable.

best vertical I ever had was a Butternut HF2V 80/40 stuck exactly in the middle of a 40 x 85 foot trailer park lot. For radials I buried 120 #24 stranded, plastic covered wires. I suspect that very few of those radials were anywhere close to resonant on either band. I simply fastened one end to the aluminum plate at the base of the vertical and ran it out until it got to the property line. Some were 20 feet long and others were 40-60 feet in length and everything in between.

This was a really awesome antenna in this configuration. I managed WAS QRP CW on both bands with this antenna. Sure wish I could have one right now.

I would not worry about them being resonant. Just get as many in the ground as you can given your ambition. believe me it takes a long time to bury 120 radials.

Thom WI8W

Date: Thu, 03 Feb 2000 23:59:09 -0500
From: Tim English <tje@usol.com>
To: qrp-l@lehigh.edu
Subject: [62107] 12V 7AH Gel Cells For Sale
Message-ID: <4.2.2.20000203234851.00ac0d30@mail.usol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I still have a couple of dozen of these used but load tested good 12 volt 6AH and 7AH gel cells. Brands are Yuasa, Interstate, Power Patrol, Radionics and others. All cells are fully charged and ready to go. They measure 6 inches long, 3 3/4 inches high and 2 inches wide with 1/4 inch color coded spade terminals. I will ship these to your door via UPS for $13.00 PPD. I will also offer a 30 day guarantee on any cell they doesnt take or hold a charge at or above 12 volts. If you are interested, please place your order quickly as they will go fast. I will ship the 7AH jobs first then the 6's so it's first come first served.
--
72 and 73,
Tim, K8TJ

Date: Fri, 04 Feb 2000 00:06:45 -0500
From: Tim English <tje@usol.com>
To: qrp-l@lehigh.edu
Subject: [62108] Kenwood TS-130V
Message-ID: <4.2.2.20000204000041.00ac8ad0@mail.usol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Anyone have any idea if the TS-130V is still a highosta ladysought after
rig and what one might be worth ? I have a chance to purchase one but not
really sure what one is worth. This one comes with the 500 hz. CW filter.
Any info appreciated.
--
Tim, K8TJ

Date: Thu, 3 Feb 2000 22:06:32 -0800 (PST)
From: Mont Pierce <km6wt@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [62109] FS: NC20, NC40A, (Ark4 sold)
Message-ID: <20000204060632.18744.qmail@web112.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

S&S Engineering Ark 4 $120.00 SOLD

NC40A $110.00 obo
NC20 w/ agc mod $120.00 obo

NC20 unfinished $110.00 obo
    I had given this one to a friend as a gift, but after installing
    only about 6 components he lost interest and gave it back. He
    did buy the 10-turn pot for it, whick I'll include for free.

All prices include shipping to CONUS.

73,
Mont

_____
Do You Yahoo!?

Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

Date: Thu, 3 Feb 2000 23:00:48 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-l@Lehigh.EDU>
Subject: [62110] SK
Message-ID: <Pine.GSO.4.10.10002032253100.7981-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Just saw this on another reflector and thought some of
you might like to know....

> Last night Jim Larsen, K7GE passed away. Jim was
> the founder of Larsen Antenna, and a ham for some
> 67 years. A contester, DXer, FOCer, CW enthusiast,
> experimenter and mad scientist, Jim loved this
> hobby and contributed much to it. He will truly be
> missed by many in the ham community.

RIP Jim!

It was in his little news letter from Larsen Antenna
that I first saw the words Conjugate Match!

cul,

73, Ron

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.......WHINERS #1........ZOMBIE #18.....

Date: Thu, 03 Feb 2000 23:18:15 -0800
From: Dave Fifield <fifield@pacbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [62111] FYBO: KI6DS & AD6A 7-Land Operation
Message-ID: <00ba01bf6ee0$00c7ffa0$0100a8c0@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

Hi Folks,

Just a quick note to tell you to listen out for Doug and I in the
FYBO contest on Saturday. We'll be operating "/7" looking
for reports on a new signal (I've said too much already...)

We'll be on whatever band is playing best, with 5W to one
of Vern's Super Portable Antennas.

Brrrrrrrr...ing it on!
72, Dave Fifield, AD6A

Date: Fri, 04 Feb 2000 06:57:08 -0500
From: "Jerry W. O'Dell" <jwodell@ameritech.net>
To: qrp-l@lehigh.edu
Subject: [62112] Horrors of 75 meters
Message-ID: <4.2.2.20000204065204.00a85be0@mailhost.det.ameritech.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

This is a bit OT, but last night, I put my key
away, and ventured up into the almost never
touched waters of 75 meters. Claims of man
eating, foul-mouthed CBers up there had scared
me away.

What did I find -- essentially nothing. I heard about
10 rather weak QSO's, not a word of bad language,
nary a fight.

Perhaps propagation was poor, but I think 75 has
declined in use.

What happened to the 75 I used to hate! Good lord,
not even a Bible net fighting with another bible net.

Trust me, 20 years ago, it was wall to wall stations
on 75 in the evenings, and often in the daytime.

I won't comment on the need for expanded phone
areas. I could have called CQ in any of 30 places
with no difficulty.

Pin through the coax -- nope -- same was true on 40,
while 40 cw was going great guns.

73 jerry w8gnd

Date: Fri, 4 Feb 2000 07:59:43 -0500
From: "Ken Simpson" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [62113] CW goodies FS
Message-ID: <01b101bf6f0f$b5412040$c36ffea9@kensimps>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale:

Bencher BY-1 Paddle. This is the one with the black base,
and all chrome parts. It also has a cord on it, and the
adjustment wrench. It looks as close to new as you will
find. These are going for about $100 new now, but
this one is only $70.

Generic brass colored key. It has the shorting switch,
ball bearings and is mounted on a piece of marble
(real marble as far as I know). It works fine.
I just don't use it. $ 20.

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-Mail to W8EK@fdt.net or W8EK@juno.com

http://www.gnv.fdt.net/~kenmar
Voice Phone (352) 732-8400

Date: Fri, 4 Feb 2000 08:10:20 -0500
From: "Pastor-kc1di" <ELBC@PIVOT.NET>
To: <n3aaz-qrp@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [62114] Re: PSK-31 working the station I did not hear.
Message-ID: <005301bf6f11$3192e1a0$e710a1d0@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> >Hi John,
> >
> >I'm including the list because I think others might also
> >be wondering the same thing.....
> >
> >If you can't hear the other station, how do you find them?
> >
> >Or is all this work done on schedules?
> >
> >I may give this a try later this year....
> >
> >Thanks,
> >
> >73, Ron
> >
> >.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
Hi Ron,

I've had several Qso on psk31 were I Could not here the other fellows signal
in the headphones but had quite good print .. The software is sensitive
enough to display some times as very weak lines the signal on the Water fall
Display.. I find Digipan and Winpsk the best at this function.

hope you give it a try.. worked kh6ty the other morning he was using a 1
watt homebrew rig which is totally dedicated to Psk31 mode.. I was running
5watts at the time.. we had a great qso.

It really should be a great qrp mode..
73 Dave Kc1di

Date: Fri, 04 Feb 2000 08:18:44 -0500
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [62115] N7KSB
Message-ID: <389AD1B4.2DB5706D@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The transmitter is designed around a 74HC240 CMOS ic, and looks
brilliantly simple.

A great description w/full-color 'ugly-style' photo is at
http://www.madisoncounty.net/~kj5tf/n7ksb.html. It was also noted in the
'99 ARRL Handbook (17.98).

Ken
KG4FGC

Date: Fri, 4 Feb 2000 08:48:56 EST
From: Wb8siw@aol.com
To: jwodell@ameritech.net, qrp-l@lehigh.edu
Subject: [62116] Re: Horrors of 75 meters
Message-ID: <46.12d5570.25cc32c8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Jerry:

You must not have been in the State Emergency Operations Center on December
31 watching a poor gent trying to run a net on 75 Meter SSB. Malicious
Interference, foul language, and Multiple-KW signals were the rule. Add to
that the poor propagation conditions caused by a minor solar disturbance, and
the SSB net was collapsing.

As a CW operator you'll appreciate this....the QMN CW Net was operating at
the same time (NCS was at an adjacent operating position). The operator was
handling traffic with ease, typing message after message on the "mill" with
no difficulty. In the end, statistics show that the CW net handled slightly
more traffic than the phone net in about one quarter the time; in other words

CW was four times as efficient!

When it comes to 75 phone, I think you just picked the wrong night. hi.

73, Jim WB8SIW

Date: Fri, 4 Feb 2000 08:26:05 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [62117] extreme QRPp
Message-ID: <0974781F4FC8D211A24600902727E806011B1E1E@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

All,

I will try to say this as discretely as possible. I am just asking and not accusing so don't anyone take this wrong, please.

I know we all strive for the lowest output with the longest QSO. However, when we start getting down in the single milliwatt range, how are we measuring the output power of the transmitter. If a wattmeter is used, has it been calibrated for the frequency in use and the actual impeadance presented by the antenna and the feedline? What was the SWR if any and what affect did it have on the reading? Is there any standard by which we measure these things and a precise set of steps for doing so? I am sure that if the transmitter output is 5 mW then the power at the antenna is somewhat less, maybe alot less. When we start getting down to the single digit milliwatt ranges, we are in the realms of laboratory measurements.

Hal

Date: Fri, 4 Feb 2000 09:33:50 -0500
From: "Diz - WB8QYY" <wb8qyy@one.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [62118] Re: extreme QRPp
Message-ID: <001c01bf6f1c$d6366640$0102050a@4002>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hal,

I just came across an HP sig gen. I used it to measure my WM-2 wattmeter at
10 mW. It read 9 mW at 2 MHz, and then drops to about 7 mW at 28 MHz
Load was a 50R00 :-) resistor at 0W5 :-)

I'd say that is not too bad. I also use a scope to verify power out.
I think ur right. At 10 mW or less, you need a custom calibrated meter
for each band. Working on it ...

73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"
Loveland, Ohio - near Cincinnati; 39.218N - 84.305W
FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493
http://w3.one.net/~gentzow/wb8qyy.htm

----- Original Message -----
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, February 04, 2000 9:28 AM
Subject: extreme QRPp

> All,
>
> I will try to say this as discretely as possible. I am just asking and
not
> accusing so don't anyone take this wrong, please.
>
> I know we all strive for the lowest output with the longest QSO. However,
> when we start getting down in the single milliwatt range, how are we
> measuring the output power of the transmitter. If a wattmeter is used,
has
> it been calibrated for the frequency in use and the actual impeadance
> presented by the antenna and the feedline? What was the SWR if any and
what
> affect did it have on the reading? Is there any standard by which we
> measure these things and a precise set of steps for doing so? I am sure
> that if the transmitter output is 5 mW then the power at the antenna is
> somewhat less, maybe alot less. When we start getting down to the single
> digit milliwatt ranges, we are in the realms of laboratory measurements.
>
> Hal
>

Date: Fri, 04 Feb 2000 09:39:51 -0500

From: Laura Halliday <va3ldh@sympatico.ca>
To: qrp-l@lehigh.edu
Subject: [62119] Re: low power psk31
Message-ID: <389AE4B7.9367188D@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard Matthews wrote:

> Could you not use PSK31 software to send it by any modulated mode? AM
> phone? VHF FM? All the computer cares about is audio input right?...

Sure. Then you would be sending an FM (or whatever) signal
with a PSK31 subcarrier. PSK31 works awfully well all by
itself at HF, but if you think such a setup could improve
on it, why not try it and see?

One very familiar subcarrier signal is the downlink from
VHF APT weather satellites - 137 MHz FM, with a 2400 Hz AM
subcarrier. So you receive the FM and feed the proceeds
to an AM receiver tuned to the 2400 Hz carrier (you can
find a few words at http://www.qsl.net/va3ldh/wxsat.html).
This is easy to do in software nowadays.
--
Laura Halliday VA3LDH   "Laisse le vent tout emporter..."
Grid: FN03gs   - Foly/Viennet

Date: Fri, 4 Feb 2000 08:42:31 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [62120] W0RSP & AA9DH on 1.8115 Mhz
Message-ID: <0974781F4FC8D211A24600902727E806011B1E1F@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

All,

Last night I was doing some preliminary signal strength measurements with a
laboratory receiver designe to do FCC qualification for emitted radiation in
the HF spectrum. I heard W0RSP working AA9DH and decided that their signals
would make a good trial source. All of my measurements were without taking
into account the line-loss of the coax that was used and the slight mismatch
presented by using 50 ohm coax with a 75 ohm dipole (the exact impeadance
not known as of yet). Although the measurements are approximate, the

results are interesting.

I measured the noise floor at -90.33 dBm. W0RSP's signal measured -80.68 dBm. AA9DH measured in at -84.32 dBm. The time was 04:40 UTC. I assume that W0RSP was running 5 watts. Not bad for a 5 watt signal on 160 meters!

Hal - WB9VMY

Date: Fri, 4 Feb 2000 09:52:13 EST
From: WA5ACF@aol.com
To: jwodell@ameritech.net, qrp-l@lehigh.edu
Subject: [62121] Re: Horrors of 75 meters
Message-ID: <96.a965a8.25cc419d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Jerry, I never like to give advise. However you might check you 80 mtr ant to insure it's still there, because the in-fighting, foul-mouthed, net-jamming society that 80 mtrs is so well know for has not gone away.

Date: Fri, 04 Feb 2000 06:53:00 -0800
From: Bill Jones <kd7s@psnw.com>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [62122] Re: SK
Message-ID: <389AE7CC.3FAF141E@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks, Ron, for the heads up on Jim Larsen.

Jim was my elmer and was instrumental in helping me get on the air in 1955. I worked for Jim for many years in his 2-way radio shop in Vancouver, Washington. I can't tell you the number of times I sat in Jim's basement and watched the purple glow of 866 rectifiers powering his rack-mounted 813s work the world. I'll miss you, Jim.

Monte Stark wrote:
>
> Hi All,
> > Last night Jim Larsen, K7GE passed away. Jim was
> > the founder of Larsen Antenna, and a ham for some

> > 67 years.
--

____
Bill Jones - KD7S <><
Sanger, California
http://www.psnw.com/~kd7s
____

Date: Fri, 4 Feb 2000 07:08:09 -0800
From: Dave Barrett <DBarrett@creo.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [62123] Relay Contacts...Need Some
Message-ID: <BFEFC3386986D2119C0800A0C99B5DE6011871DE@msgcreo3.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Some time ago someone here on QRP-L advertised some Relay Contacts for
sale.......I'm currently in need of a dozen or so good sized contacts
(silver preferred).   If anyone knows who it was or where I might find the
above, please email me directly.
Yes I know I could remove some from old relays but its messy... :-)
                                                                Thanks

Dave VA7DB (Ex VE7PCC) Vancouver BC Canada

Date: Fri, 04 Feb 2000 09:10:50 -0600
From: Michael Melland <badger@vbe.com>
To: qrp-l@lehigh.edu
Subject: [62124] Worth of HW-9 station?
Message-ID: <389AEBF9.ACF6AE72@vbe.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

I'm thinking of selling my HW-9 station consisting of the HW-9 with WARC
pack installed, antenna tuner,swr meter, power supply, and SP-99
speaker. All original Heathkit.

The HW-9 has some problems ..... the 20 meter section is out.... needs
the two can coils which I have not found. I was going to make my own
but...... too much to build now and not enough time. Case repainted
original Heath color. A "crease" in the plastic film dial (RockSea will

make a new one but haven't had time). Before taking it apart other bands received well, had normal output power.

Rest of the accessories are fine and in good condition... some with Heath original color repainted cases, speaker is very nice and all original no retouch. If I really decide to sell (hard decision) what is it worth as a package deal ?

73 de Mike Melland, W9WIS
qrp-l # 1656

Date: Fri, 04 Feb 2000 08:14:36 -0700
From: Jerry Haigwood <w5jh@swlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [62125] New Thread: Marking Wall Warts
Message-ID: <389AECDC.C824AE28@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

    I was cleaning out the shack this past weekend and in the process I noticed I have maybe 10 to 15 wall warts. They have all kinds of voltage and current ratings - most are DC. It occurred to me that I don't know where half of them are used! I need some way of identifying which wall wart goes with which battery charger, radio, device, etc. I have failed to mark the wall warts in the past and now get to "guess" where each one belongs. Anyone out there in QRP-L land have this same problem? How did you solve it?

--
73, Jerry Haigwood, W5JH, Peoria, AZ USA
web page http://www.swlink.net/~w5jh/

Date: Fri, 4 Feb 2000 10:39:33 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <w5jh@swlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [62126] Re: Another OT: Marking Wall Warts
Message-ID: <012e01bf6f26$0eff0e60$9001a8c0@wn.net>

MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, if you didn't mark them to begin with....

There's always a problem though with anything that's a hard
plastic case. Labels don't stick over time. And are you going
to get out etching tools or 'stamps' to melt into the plastic?

I use a 'silver' caligraphy pen. They are a couple of bucks at
stationary stores. I keep both silver and gold hanging around
for marking plastic. It's just so convienent that I use it to quickly
label diskettes (black plastic ones) instead of searching for a
label sometimes.

In fact, I keep a number of 'pens' around for various purposes, and
the silver and gold caligraphy pens are right up there with a super-
fine and medium tip 'Sharpie' for usefullness. (I've heard of people
using a Sharpie as 'resist' to make circuit boards. Or at least, minor
corrections before etching. But I don't know about that from personal
experience.)

Mike

----- Original Message -----
From: Jerry Haigwood <w5jh@swlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, February 04, 2000 10:14 AM
Subject: New Thread: Marking Wall Warts

> Hi Gang,
>
>   I was cleaning out the shack this past weekend and in
> the process I noticed I have maybe 10 to 15 wall warts.
> They have all kinds of voltage and current ratings - most
> are DC. It occurred to me that I don't know where half of
> them are used! I need some way of identifying which wall
> wart goes with which battery charger, radio, device, etc. I
> have failed to mark the wall warts in the past and now get
> to "guess" where each one belongs. Anyone out there in
> QRP-L land have this same problem? How did you solve it?
>
> --
> 73, Jerry Haigwood, W5JH, Peoria, AZ USA

> web page http://www.swlink.net/~w5jh/
>
>
>

Date: Fri, 4 Feb 2000 09:32:24 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [62127] Horrors of 75 meters
Message-ID: <0974781F4FC8D211A24600902727E806011B1E21@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Poor Jerry,

He had his two meter antenna hooked up to his HF rig. We all wish that
trash would go away too Jerry.

Hal

Date: Fri, 4 Feb 2000 10:50:08 EST
From: N9DD@aol.com
To: qrp-l@lehigh.edu
Subject: [62128] Re: New Thread: Marking Wall Warts
Message-ID: <be.10da64a.25cc4f30@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang

I use an old Dymo labeler - the kind that form characters on adhesive backed
plastic tape. The tape seems to stay put forever but is easily removable if needed

Tom N9DD
South Bend, IN
N9DD@aol.com

The Rules Have Changed...Get Paid to Surf the Web!
http://www.alladvantage.com/go.asp?refid=JEO494

Date: Fri, 4 Feb 2000 11:58:27 -0400
From: "Leigh Hawkes" <lhawkes@navnet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [62129] Re: SK
Message-ID: <000101bf6f28$ae407ca0$8ab132cc@lhawkes>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tnx for the posting Ron. Met Jim back in the early 70's while working in the
VHF mobile radio biz.
He was paying a visit to the shop here in Nova Scotia. Believe his call was
7DZL (?) back then.

It is great to have rubbed shoulders with the "pioneers and legends" of
radio.

RIP Jim.

73,
Leigh - VE1GA

Date: Fri, 4 Feb 2000 10:05:23 -0600
From: Karl Kanalz <KKanalz@excel.com>
To: "'N9DD@aol.com'" <N9DD@aol.com>, Low Power Amateur Radio Discussion <qrp-
l@Lehigh.EDU>
Subject: [62130] RE: New Thread: Marking Wall Warts
Message-ID: <2D343922E283D211945C0008C7A41B2A01A743E2@adntex01.adsn.dal.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

While Dymo labels *start out* to stick well, I've found that over
Time (about a year), the inherent "curl" that's in the plastic (from
being rolled up) will make the adhesive peel loose from what the
label is stuck to and the label will fall off.

A company called "Rotex" overcame that limitation by using a
very thin (and flexible!) vinyl tape (usually white) and stamping

the label characters on it with quick-drying indelible ink. THESE
labels don't peel off -- ever!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----
From: N9DD@aol.com [mailto:N9DD@aol.com]
Sent: Friday, February 04, 2000 9:50 AM
Subject: Re: New Thread: Marking Wall Warts

I use an old Dymo labeler - the kind that form characters on adhesive backed
plastic tape. The tape seems to stay put forever but is easily removable if
needed
Tom N9DD
South Bend, IN

Date: Fri, 04 Feb 2000 11:03:35 -0800
From: charles kadesch <chas@digizen.net>
To: w5jh@swlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [62131] Re: New Thread: Marking Wall Warts
Message-ID: <389B2287.A6EC8A3F@digizen.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I mark Wall Warts etc. with "Keep_Trak". It's the stuff auto junk yards
(or the more PC term "recycling centers") use to mark used car parts-
very tenacious.
72
Chas W3KC

Date: Fri, 04 Feb 2000 07:24:10 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [62132] Re: SK K7GE, Jim Larsen
Message-ID: <389AFD2A.E4156378@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Monte Stark wrote:
> > Last night Jim Larsen, K7GE passed away. Jim was the founder of Larsen Antenna, and a ham for some 67 years.

I just have to share this, in remembrance of a great person, K7GE

I knew Jim Larsen and talked to him once. In 1971, as I was about to leave for my first assignment in the Air Force, I found myself with a brand new 2 meter FM rig (my first) and no antenna for the 69 Camero. I had a long drive to Biloxi, MS and wanted to be operational on 2 meters. I was leaving in only a few days and of course we had no local vendors.

I called up Larsen Antennas and Jim Larsen answered although he didn't tell me his name at that time. I said, "Hi, this is Jim Larsen, WA0LPK, in Iowa and I really need to get one of your 2 meter antennas in a hurry for my trip to Keesler AFB. Can I put a check in the mail and have you ship the antenna today?" Jim started out by telling me he was sorry he couldn't do that unless I already had an account set up with the company. Then he stopped short and asked, "What did you say your name was?". I said, "Jim Larsen". "How do you spell it?..."LarsEn" Jim said, "With a name like that I can't go wrong. My name is also Jim Larsen and I will ship you the antenna today."

I never, ever, forgot that kindness in the first years of my ham radio life.

73,
Jim Larsen
AL7FS

Date: Fri, 04 Feb 2000 11:29:20 -0500
From: KD1YV <kd1yv@mindspring.com>
To: w3fpr@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [62133] Re: Free internet access problems
Message-ID: <389AFE60.377F28B0@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> I just recently loaded Bluelight.com, and found it also installed Yahoo
> messenger for me. THEN, I discovered that something had bound file and
> printer sharing to the TCP/IC protocol. As far as I am concerned, this is a
> serious privacy issue.

Don,

Yes, it is a serious privacy issue, but are you sure that it wasn't that way already? WinDoze, by default, installs everything bound to everything else. I learned a bit about this by visiting the Gibson Research Corp. (the company that makes SpinRite) Web site.

For anybody who wants to check your computers' security against the Internet, go to http://www.grc.com/ and follow the links to ShieldsUp. It will guide you through a few tests, and tell you how to make your computer more secure.

--
72/73 de Jim, KD1YV
Some days you're the dog, some days you're the hydrant.

Date: Fri, 04 Feb 2000 10:30:03 -0600
From: Glen Reid <k5fx@flash.net>
To: chas@digizen.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [62134] Re: New Thread: Marking Wall Warts
Message-ID: <389AFE8B.AFEFEED4@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

A second vote for the Dymo Tape labeler. A light spray of Krylon clear sealer will keep the tape in place.

gr

--
GLEN REID
K5FX/M BGF

Austin...in the beautiful hill country of TEXAS...

Austin QRP Club # Pi

Email: k5fx@arrl.net

Date: Fri, 04 Feb 2000 07:44:54 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [62135] Re: New Thread: Marking Wall Warts
Message-ID: <389B0206.865BA3D4@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl Kanalz wrote:
 over Time (about a year), the inherent "curl" that's in the plastic
(from
> being rolled up) will make the adhesive peel loose from what the
> label is stuck to and the label will fall off.
> -----Original Message-----
> I use an old Dymo labeler - the kind that form characters on adhesive backed
> plastic tape. The tape seems to stay put forever but is easily removable if
> needed
==========
I still use the old cheap Dymo but I make the strip longer, wrap it
around the cord and then put a staple through it. I haven't lost a
label yet.
--
Jim Larsen, AL7FS   http://www.qsl.net/al7fs/
Anchorage, Alaska   mailto:al7fs@qsl.net
ICQ 11022915   (ICQ info at http://www.icq.com/)

Date: Fri, 04 Feb 2000 08:48:29 -0800
From: Allan G Taylor <agtaylor@llnl.gov>
To: qrp-l@Lehigh.EDU
Subject: [62136] Re: [Elecraft] 2 questions
Message-ID: <389B02DD.778A@llnl.gov>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have installed the two directing diodes in my K2 and have used
it while in Keyer mode to send hand key cw. It works for me. On the main
rig I have a SuperCMOS III as Walt discusses and have it set up in an
identical way: there are two RCA phono jacks on the back of it. One goes
to the rig for keying and the other is to plug in the hand key.

NOT having a hand key jack on most of the newer QRP (and other) rigs
is a major peeve of mine. I am now in the process of adding one to the
RH40 and even there I will have to change a menu item on the Tick
keyer to use it. Same problem on the K2, of course, and on the IC706
and on the FT1000MP I used last year ...   The OmniVI, however, does
have a separate input for paddles and for KEY. Luv that rig.

Did anyone else hear that pileup on VU2JOS this morning (7004, ~7AM
PST)? Serious RF in the air.

K7GT

--
Allan Taylor   agtaylor@llnl.gov

56 worked so far for the DXCC 2000 award
    (no, not QRP but didn't use the amp either)

Date: Fri, 4 Feb 2000 11:49:47 -0500
From: "Tom" <tmccullo@suffolk.lib.ny.us>
To: <prvalko@oakland.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [62137] FOX: Schedule
Message-ID: <002a01bf6f2f$dff22e40$555eadc7@tmccullo>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all,
  Can someone please point me in the direction of a schedule of dates and
times for the rest of the fox-hunting season.
Thanks
Tom McCulloch
WB2QDG

Date: Fri, 04 Feb 2000 08:52:51 -0800
From: Allan G Taylor <agtaylor@llnl.gov>
To: qrp-l@Lehigh.EDU
Subject: [62138] Re: SK
Message-ID: <389B03E3.6BDA@llnl.gov>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry to hear of the passing of Jim, K7GE. We had several nice QSOs over
the years including one while he was CW mobile in VE7-land. I wonder who
gets his antenna farm (2 3-el 40m on a tall tower among others).

Now his call and mine won't be confused in contests anymore. I didn't

mind being confused with such a great op and fellow, though. Just have
to fret about George, K6GT, down in SCV.

K7GT

--
Allan Taylor   agtaylor@llnl.gov

Date: Fri, 4 Feb 2000 08:53:09 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [62139] Re: Marking Wall Warts
Message-ID: <Pine.GSO.4.10.10002040850050.11294-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

I just guess!

99% of everything I have that takes a wall wart has the
voltage written on it someplace and most of the time it
even shows the polarity of the plug.

But now that I know I have a problem I'll just have to
take a nap and see if I loose any sleep over it! :-)

Marking them really is a good idea....I'm just far too
lazy!

cul,

73, Ron

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.......WHINERS #1........ZOMBIE #18.....

Date: Fri, 04 Feb 2000 08:59:42 -0800
From: Allan G Taylor <agtaylor@llnl.gov>
To: qrp-l@lehigh.edu
Subject: [62140] OT: need 486/80 chip cooling fan for shack computer
Message-ID: <389B057E.57BC@llnl.gov>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The cooling fan on the shack computer is sounding like a 737
taking off, at least some of the time. Not being a computer geek or
surplus store rat, I would like to ask for some help in finding one.
The fan is, of course, not for a currently produced chip. Anyone have
one or have a suggestion where to start the search? I am near San Jose/
Silicon Valley but not familiar with the stores there.

--
Allan Taylor   agtaylor@llnl.gov

Date: Fri, 4 Feb 2000 09:06:06 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Allan G Taylor <agtaylor@llnl.gov>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [62141] Re: [Elecraft] 2 questions
Message-ID: <Pine.GSO.4.10.10002040855210.11294-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 4 Feb 2000, Allan G Taylor wrote:

>
> NOT having a hand key jack on most of the newer QRP (and other) rigs
> is a major peeve of mine. I am now in the process of adding one to the
> RH40 and even there I will have to change a menu item on the Tick
> keyer to use it. Same problem on the K2, of course, and on the IC706
> and on the FT1000MP I used last year ...   The OmniVI, however, does
> have a separate input for paddles and for KEY. Luv that rig.
>

I use the Key input jack on the front panel of the FT-1000MP for
the bug or hand key.

The plug is a MONO plug and I need to only insert in until it
contacts the first spring thing! You also need to turn the
internal keyer off (if it's on) which is one button to push on
the front panel.

You should use a STEREO plug and connect the hand key or bug
to the tip and body. Leave the middle "ring" open. Then you can
put the plug all the way in!

This might also be the way other rigs are done. The FT-100 is
about the same but it only has one jack. You need to use a "Y"
thing in it to use different keyers/paddles.

I agree that there needs to be some way to key a rig without
having to use some electronic device!

Hope this helps,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.......WHINERS #1........ZOMBIE #18.....

Date: Fri, 4 Feb 2000 09:28:22 -0800
From: Dave Barrett <DBarrett@creo.com>
To: "'agtaylor@llnl.gov'" <agtaylor@llnl.gov>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [62142] RE: need 486/80 chip cooling fan for shack computer
Message-ID: <BFEFC3386986D2119C0800A0C99B5DE6011871DF@msgcreo3.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Morni'n Alan
            If you want to do it the repair is easy....just remove the fan
from the heatsink and peel off the label on the back side, under it you'll
find a small shaft and a "C" clip or soft plastic ring retainer, with a
sharp pair of tweezers pull gently up on the retainer ring or pull off the
"C" clip.   Be very careful not to loose this retainer / clip as it is very
tiny.
Gently pull out the fanblade assembly from the opposite side and set aside
for now, Careful not to loose any spacers on the shaft or sticking to the
bearing face.

Take tiny strip of kitchen towel and roll it into a thin strip that will
fit inside the bearing hole (where you just removed the shaft from) and poke
the tissue through the hole gently grasping from reverse side with tweezers,
dip the tweezers in some methyl alcohol or lighter gasoline and apply a
small amount to the tissue to wet it (not soak)
then pull gently back and forth and pull it through the bearing blowing
gently to clean out the old oil / grease.   Similarly clean the shaft of
the blade unit with a tissue and alcohol / lighter gas to remove any old

hardened lubricant.

Then with a small amount of watch oil on a tiny screwdriver tip or piece of stiff wire, insert some into the hole in the bearing and a small amount on the shaft.
Re-insert the shaft and put back the retainer / clip and re fit the label.
Your fan will be as good as new.
Dave VA7DB (ex VE7PCC) Vancouver BC Canada

-----Original Message-----
From: Allan G Taylor [mailto:agtaylor@llnl.gov]
Sent: Friday, 04 February, 2000 9:00 AM
To: Low Power Amateur Radio Discussion
Subject: OT: need 486/80 chip cooling fan for shack computer

The cooling fan on the shack computer is sounding like a 737 taking off, at least some of the time. Not being a computer geek or surplus store rat, I would like to ask for some help in finding one. The fan is, of course, not for a currently produced chip. Anyone have one or have a suggestion where to start the search? I am near San Jose/ Silicon Valley but not familiar with the stores there.

--
Allan Taylor agtaylor@llnl.gov

Date: Fri, 04 Feb 2000 09:23:32 -0800
From: Russ Carpenter <russ@natworld.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [62143] Reminder for the FEBRUARY SPARTAN SPRINT
Message-ID: <B4C04AED.2E17%russ@natworld.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The February Spartan Sprint will be held on February 7, 2000 (which is our standard date--the first Monday of the month). You may operate on any one or more of five bands--80, 40, 20, 15, and 10 meters. Don't worry if your station is a bit obese. We commend the winners in two categories--points (the Tubby Division), and points per pound (the Skinny Division).

If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

1. Start at 9:00 PM EST, 8:00 CST, 7:00 MST and 6:00 PST. Finish at 11:00 PM

EST, 10:00 CST, 9:00 MST and 8:00 PST. In terms of UTC, start at 0200 and finish at 0400.

2. The frequencies will be 3560+- kHz, 7040 kHz+-, 14060 kHz+-, 21060 kHz+-, and 28060 kHz+-. (You may operate any number of bands--your choice.)

3. Exchange RST, SPC (state, province or country) and power output.

4. If you choose to call CQ, use the format "CQ SP," or "CQ QRP TEST."

5. You can take credit for working the same station on a second, third, or fourth band.

After the contest, we invite you to use our autolog, which is part of the ARS Sojourner. Just go to www.natworld.com/ars and follow the link for "Direct access to autologs". Or you can speed things up by going directly to the Spartan Sprint autolog page at www.natworld.com/ars/ss_log.html.

If you don't have access to the web, send Richard Fisher, KI6SN, an e-mail with your total QSOs and the total weight of your station (i.e., the combined weight of all transmitters, receivers, keys, keyers and batteries used during the Sprint). You may also include your comments from the soapbox. Richard's email address is ki6sn@aol.com.

We publish results for each Spartan Sprint on the Thursday following the Sprint. This may be the world's quickest contest reporting! Please send us your log as soon as possible, but in no event later than Wednesday afternoon.

****

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of points per pound.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is KI6SN@aol.com. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a

macho person; ARS welcomes people of all ages and levels of ability.

Russ Carpenter, AA7QU, Contest Manager

russ@natworld.com

Date: Fri, 04 Feb 2000 09:29:56 -0800
From: Allan G Taylor <agtaylor@llnl.gov>
To: qrp-l@Lehigh.EDU
Subject: [62144] Re: OT: need 486/80 chip cooling fan for shack computer
Message-ID: <389B0C94.73F4@llnl.gov>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One fan has been offered and a set of instructions on how to overhaul/
lubricate have come forth. Thanks all for your help... and the bandwidth

K7GT

--
Allan Taylor   agtaylor@llnl.gov

Date: Fri, 4 Feb 2000 12:46:51 EST
From: BOBOBOB1@aol.com
To: qrp-l@lehigh.edu
Subject: [62145] Valentines reminder/XYL Happiness!!
Message-ID: <31.c8746f.25cc6a8b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hey Guys..
Just a reminder..
DO YOU WANT TO STAY IN HAM RADIO WITHOUT HASSLES FROM THE XYL...??..
Don't forget Valentines Day!!

Be sure to remember Valentines DAY...a card a gift..flowers...anything..but
do it....and we can all live in peace and harmony for the rest of the year!!

I'm all ready to go....bought em last week!!

I had to learn the hard way...

Valentines might not be important to us..but God its the Mother Lode for
them!!

Bob Gorman
WA1SCH
Clearwater Beach FL
"Yeah..think I'll go watch the sunset.."

Date: Fri, 4 Feb 2000 11:49:35 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [62146] 486 chip fan cleanning
Message-ID: <0974781F4FC8D211A24600902727E806011B1E24@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

That is real good advice Dave. Here is another solution: Send the fan to me
with $5 and an SASE and I'll clean it.

In other words, any dummy can fix that fan and you'd be a real dummy to send
me $5 and have me clean it!

Hal

Date: Fri, 4 Feb 2000 09:54:04 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [62147] Re: Valentines reminder/XYL Happiness!!
Message-ID: <Pine.GSO.4.10.10002040951130.11294-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Now I DARE someone to say this isn't related to QRP!

:-)

And now that I know that Valentines day is almost here
I'll see if Carol wants to go out to an early Valentines
Day lunch....

(I don't want to be interupted this weekend during FYBO
or the YL/OM contests!)

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.......WHINERS #1........ZOMBIE #18.....

Date: Fri, 04 Feb 2000 12:57:10 -0500
From: Frank Alwine <n1gpy@together.net>
To: qrp-l@Lehigh.EDU
Subject: [62148] Re: 6 meter transverter
Message-ID: <389B12F6.98559CA3@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>14 Mhz is a much better choice, which is why most
>transverters use it and very few, if any use 28.

Actually, I believe the *only* commercially-available transverter
for 6M that uses a 14MHz IF is the Ten-Tec. Both the excellent
SSB Electronics 6M transverter and the DEM 6M transverter use
28MHz.

Most of the action on CW/SSB occurs between 50.080 and 50.250 anyway
so the limited coverage using a 20M IF rig wouldn't be a problem.

72/73, Frank KT1VT

Date: Fri, 04 Feb 2000 13:46:06 EST
From: Rod Johnson <ka7you@juno.com>
To: myetsko@insydesw.com
Cc: qrp-l@Lehigh.EDU
Subject: [62149] Re: Resist pen
Message-ID: <20000204.105833.4479.10.ka7you@juno.com>

Mike wrote:
  >>(I've heard of people
using a Sharpie as 'resist' to make circuit boards. Or at least, minor
corrections before etching. But I don't know about that from personal
experience.)>> He suggested I submit my observations to the list as a
whole.
  So, FWIW:

I've used the "Sharpie" pens several times for resist pens. The red ones seem to be slightly better than the black for this purpose. (Somebody on the list several years ago suggested this, and can confirm it) I've built several HB Pixie boards just using freehand drawing with Sharpie pens,.. but they don't have IC pads etc which need to be drawn. For that you can always use the stich-on transfer resist method and hand draw between the pads as needed. I would not suggest it for real fine detail work.
7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.
80M thru 10M with K2 s/n268 and other fine QRP rigs.
VHF thru 1296 MHz-higher bands pending
ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

_____
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http://dl.www.juno.com/get/tagj.

Date: Fri, 4 Feb 2000 12:49:21 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [62150] QRP Valentine
Message-ID: <0974781F4FC8D211A24600902727E806011B1E27@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

All,

I am treating my wife and two married daughters (read not the husbands) to tickets to a musical and each a rose.

I am staying home and having a very large steak done on the grill (read not the husbands) and spending alot of time on the radio.

Hal - WB9VMY

Date: Fri, 4 Feb 2000 11:00:24 -0800 (PST)
From: Rod Cerkoney <n0rc@yahoo.com>

To: ku7y@dri.edu, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [62151] Re: Valentines reminder/XYL Happiness!!
Message-ID: <20000204190024.10227.qmail@web904.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Monte Stark <ku7y@dri.edu> wrote:
> Now I DARE someone to say this isn't related to QRP!
                         ^^^
>
> :-)
>

HEY THIS AIN'T QRP RELATED! There I said it. Don't mean it, but I
said it. ;-) (Excellent idea Ron.)

Back to your regularly scheduled QRP discusion(s).

=====
73, Rod N0RC
____
Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
http://im.yahoo.com

Date: Fri, 4 Feb 2000 14:20:34 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:tmccullo@suffolk.lib.ny.us" <tmccullo@suffolk.lib.ny.us>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [62152] FOX: Schedule
Message-ID: <200002041424_MC2-97D4-CE0A@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
      charset=us-ascii
Content-Disposition: inline

Tom (and Gang):

Here is the FOX schedule for the remainder of this season:

02/09	0200	AE2T	AL	NY
02/11	0200	N1FN	ET	CO
02/16	0100	NW7DX	BEN	WA
02/18	0200	N0IT	DAVE	MO
02/23	0200	W8RO	FLOYD	MI
02/25	0200	N1TP	TOM	FL
03/01	0100	NQ9RP	CHEESE	WI
03/03	0000	KQ5U	TERRY	TX
03/08	0200	N5IB	JIM	LA
03/10	0000	N0UR	JIM	MN
03/15	0200	WD4ET	JEFF	FL
03/17	0200	NA6E	Mary	CA
03/22	0200	AB7CE	ROY	MT

Thanks for your interest, and good luck in the hunts :-).

72,
--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
K0EVZ@arrl.net

Date: Fri, 4 Feb 2000 12:39:41 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [62153] PROP: FYBO Outlook
Message-ID: <Pine.SUN.4.10.10002041228470.29487-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
The sun's solar flux bottomed out a few days ago, and is once again on it's rise (it's 28-day cycle). Thursday, the solar flux was 155, and should be around 170 on saturday. That is sufficiently high to support skip propagation on both 15M and 10M (where last weekend, it would have been shaky at best).

The geomagnetic field is fairly quiet, from QUIET to some ACTIVE levels, with the active periods due to that persistent coronal hole that is causing small variations in the solar wind, enough to keep things a bit noisy on the lower bands. The A-index on saturday is predicted to be 7-10, or about normal, and in the quiet to unsettled range. This equates to a K-index of 1-2.

So, for FYBO ...

20M thru 10M should be fairly good with the >150 solar flux and stable conditions. Use the higher bands first, and work your way down the band as the day progresses. And on these bands, don't forget the "grey line" propagation that will occur right around sundown and a bit beyond. Some weird propagation can occur, allowing you to work a few contacts in regions not normally within your "skip zones."

40M will be fairly quiet, but of course the high D-layer absorption to your signals during daylight hours will make most signal paths very weak until you approach sundown, or the tail end of the contest.

So get on the air for FYBO, have some fun, stay warm for you outside critters, and cool for your inside critters. All bands should be fairly nice (even for those Alaska guys). Much of the country is fairly warm, so let's make up for it with CONTACTS!

C U, probably on 20 or 15M
72, Paul NA5N

Date: Fri, 4 Feb 2000 13:59:15 -0600
From: "Frank Krozel" <frank@electronicinstrument.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [62154] Re: QEX CD does not "Browse"
Message-ID: <002201bf6f4a$51311f20$7ab4dccf@kg9h>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all:
I just got QEX on CD, and tried to find some data on transmitter amplifiers, it worked nice.
But, I wanted to Browse, and hit the browse button. It stated insert the CD. It was already in...
Am I the only one with this problem? I want to just browse the CD like the magazine.
Seems it is supposed to do that.
Am I wrong??
Frank Krozel
KG9H

Date: Fri, 4 Feb 2000 15:15:42 EST
From: Wb8siw@aol.com
To: al7fs@pobox.alaska.net, qrp-l@lehigh.edu
Subject: [62155] Re: New Thread: Marking Wall Warts
Message-ID: <9e.afcbb8.25cc8d6e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Regarding "wall warts"

For what it's worth, I use a paint pen that has a fine point. They're available in a bright yellow that simply never comes off! Such pens are available from such sources as Grainger or other industrial supply houses. By the way, they're great for marking transmission lines, power cords, audio cables, etc.

73, jim

Date: Fri, 4 Feb 2000 15:35:01 -0500
From: "Franco, Nicholas J" <franco@bnl.gov>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [62156] FOX: A Happy Accident
Message-ID: <698DB793D712D31180B600902746422D50BC0D@exchange01.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I had an exciting but embaressing hunt last night. We went out for dinner and I got back home in mid FoxHunt. Of course I was anxious to get in there and see what was going on. I must have still been Fox mode or something. I spun the RIT up to the person working the Fox and got ready for the first QRZ to hit my earphones. There it was ... I send my call and then as I heard the Fox reply, I realized I called right on his freq. and was listening up a little instead of the other way around. But wait .... he wa sending back the report to me :-) Oh yeah, a happy accident indeed. I sent on the wrong freq. and got picked up by the Fox on my fist call. Is this stuff great, or what?

Sorry if I trampled the reception for a few seconds. I did get red in the face for a minute if that makes you feel better, but then, I bagged the Fox so redness left as I logged the contact for the QSL.

Have a great weekend all es 72,

Nick - kf2ph . .

__
Nicholas J. Franco   <>< BROOKHAVEN NATIONAL LABORATORY
Systems Administrator   Collider-Accelerator Department
Tel: (516) 344-5467   UPTON, NY 11973-5000
Fax: (516) 344-2833   Ham Call: KF2PH
<mailto:nickf@bnl.gov>   <http://www.rhichome.bnl.gov/People/franco>

Date: Fri, 04 Feb 2000 06:58:32 +0000
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [62157] Re: 6 meter transverter
Message-ID: <389A7898.2B01@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Thanks to Ed, Steven & Harold and all others that supplied important
views about the subject under discussion.

I had a look at the Down-East Microwave site yesterday. There was quite
a lot of info picturing the quality of their transverters. I did wonder
about the second harmonic of 28 MHz being close to 50-54 MHz myself,
too, but I don't remember seeing any info on spectral purity. 14 MHz has
harmonics close to 6 m, too, but probably less problematic because it's
the 4th. On HF local requirements are stricter than in the USA, but on
VHF there may be no difference between the US and Finnish requirements.

I couldn't find any clear indication of how wide the IF rig needs to
tune to cover all of the 6 m band, i.e. if the transverter has a switch
for e.g. 2 times a 2 MHz wide band or if it needs a 4 MHz 'wide' IF.

The DEM transverters are quite a bit more expensive than the TT ones.
The kits are 295$ & 95$ respectively! (What instruments are needed to
align them properly??)

I wasn't planning to buy a 6 m transverter just now, because I need to
find a new QTH first. If the (appartment) building is next to a
electrical railway line - a possibility that has currently presented
itself - and the antenna is to be a simple one, there may be no good
reason for me to spend an extra 200$ for a very sensitive transverter

with a GaS Fet and what have you.

I hope the viewpoints put forward in this discussion have been
interesting to other readers as well.

tnx es 73,
--
Arjen Raateland
OH2ZAZ

SAS Support
Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Fri, 4 Feb 2000 15:05:00 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [62158] RE: A Happy Accident
Message-ID: <0974781F4FC8D211A24600902727E806011B1E2C@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Nick,

There I was, working hard to bag the FOX. I had been at it ALL night.
Sweat streaming from my face as I strained to get my call in before someone
covered up my meager 100 mW. My fingers cramping. Then there was a break
for a second and I was in the clear. I started to call the FOX with my 100
mW wonder rig. I could feel the adrenalin rushing with each stroke of the
key! I knew he would be able to here me and then.....de KF2PH.
ARrrrghhhh. I never had another chance all night.

Sorry Nick, I just couldn't help myself.

-----Original Message-----
From: Franco, Nicholas J [mailto:franco@bnl.gov]
Sent: Friday, February 04, 2000 2:35 PM
To: Low Power Amateur Radio Discussion
Subject: FOX: A Happy Accident

I had an exciting but embaressing hunt last night. We went out for dinner
and I got back home in mid FoxHunt. Of course I was anxious to get in there

and see what was going on. I must have still been Fox mode or something. I spun the RIT up to the person working the Fox and got ready for the first QRZ to hit my earphones. There it was ... I send my call and then as I heard the Fox reply, I realized I called right on his freq. and was listening up a little instead of the other way around. But wait   .... he wa sending back the report to me :-) Oh yeah, a happy accident indeed. I sent on the wrong freq. and got picked up by the Fox on my fist call. Is this stuff great, or what?

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Have a great weekend all es 72,

Nick - kf2ph . .

--
Nicholas J. Franco   <>< BROOKHAVEN NATIONAL LABORATORY
Systems Administrator   Collider-Accelerator Department
Tel: (516) 344-5467   UPTON, NY 11973-5000
Fax: (516) 344-2833   Ham Call: KF2PH
<mailto:nickf@bnl.gov>   <http://www.rhichome.bnl.gov/People/franco>

Date: Fri, 4 Feb 2000 13:33:01 -0800 (PST)
From: tbessler@OregonVOS.net (Tom Bessler)
To: ka7you@juno.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [62159] Re: Resist pen
Message-ID: <v01540b01b4c083efae1f@[192.168.76.4]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 1:46 PM 2/4/00, Rod Johnson wrote:
>Mike wrote:
> >>(I've heard of people
>using a Sharpie as 'resist' to make circuit boards. Or at least, minor
>corrections before etching. But I don't know about that from personal
>experience.)>> He suggested I submit my observations to the list as a
>whole.
> So, FWIW:
> I've used the "Sharpie" pens several times for resist pens. The red
>ones seem to be slightly better than the black for this purpose.

Part of a kit that Radio Shack sold for making PCBs included a "resist" pen that sure looks a lot like a "Sharpie" permanent marker.

Date: Fri, 4 Feb 2000 21:29:51 +0000
From: Larry Cahoon <wd3p@juno.com>
To: hdeitz@ms.rose.cc.ok.us, qrp-l@Lehigh.EDU
Subject: [62160] Re: extreme QRPp
Message-ID: <20000204.213321.4278.1.wd3p@juno.com>

On Fri, 4 Feb 2000 08:26:05 -0600 "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us> writes:

>I will try to say this as discretely as possible. I am just asking
>and not
>accusing so don't anyone take this wrong, please.

Hal

No offense taken. I have never seen an "official" method out there for measuring power.

I don't know what others are doing but I can tell you my system at this point. As I don't have the fancy scope and the like but rather rely on the WM-2. That does have a scale set to cover 0-100 mWatts. The scale is not linear so 5 mWatts is rather easy to read and it is not even to much trouble to interpolate in the 0-5 mWatt range for a conservative statement of power.

Second. I run the Wilderness Sierra at 500mWatts. That is as low as the manual suggests you go. That is set per the WM-2. The output is fed through a Ten-Tec 290 step attenuator. That has six setting. They are marked for 20 mWatts up to 5 Watts. But with only 500 mWatts in the range drops to 2 mWatts to 500 mWatts. Now I can tell you it's settings and the reading on the WM-2 match very well over the six steps.

Third - I settled on using the output into a dummy load to measure the power level. So all measurements are done with a fixed 50 ohm load. That way there is no issue of the quality or the antenna, is it matched properly, what is the SWR and the like. So I don't give myself any break for a poor antenna, tuner losses or line losses to the antenna.

As a last point I'd add that no matter what instrument you use to get a number for the power there is always the problem of the calibration of that piece of equipment. So you never escape that trap. A few have access to good, high quality stuff that has been professionally calibrated, but

that is not the majority of the guys out there.

Hope this help the discussion,

73 de Larry.....WD3P in MD

_____
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Date: Fri, 4 Feb 2000 16:05:53 -0600
From: "Junius Fox" <w5hir@ghg.net>
To: <qrp-l@lehigh.edu>
Subject: [62161] serial ports
Message-ID: <009101bf6f5c$01b9ee60$17af90d0@gamma>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

    I have been reading the mail about serial port problems. I too have had some problems with the requirement for added serial ports. I discovered that my requirement in many cases was varied. I use a digital camera which needs to use a serial port. The TNC needs a serial port, synchronizing my HPC needs a ser. port. It occurred to me that I don't use all of these devices at the same time. So!!!.... I got a Parallel Switch Box, and five gender changers. I hooked the center of the box to the serial port Com 2, I could then select which ever thing I wanted to use, without having to get into the back side of the computer.
Works like a champ for me.

Foxy
w5hir@ghg.net
http://www.qsl.net/w5hir

Date: Fri, 4 Feb 2000 16:09:38 -0600
From: "Junius Fox" <w5hir@ghg.net>
To: <qrp-l@lehigh.edu>
Subject: [62162] PSK31 frequencies

Message-ID: <009901bf6f5c$87b93700$17af90d0@gamma>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

    I had my PSK31 setup working with a jury rigged setup, then I tried to pretty the thing up... three months later......<GRIN>.
    I know if the frequencies on 40 and 20, but are there other frequencies now?
If so. will someone please tell me what they are.

Foxy
w5hir@ghg.net
http://www.qsl.net/w5hir

Date: Fri, 4 Feb 2000 17:43:59 EST
From: K1DXradio@aol.com
To: qrp-l@lehigh.edu
Subject: [62163] Re:OT:Free 0ISP's
Message-ID: <75.1596e9b.25ccb02f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I'd like to believe "you usually get exactly what you pay for," but I don't find that to be true when it comes to ISPs. As you can see, I'm using AOL. And it's a thorough ripoff. I also have NetZero, and other than being on an average slower than AOL, it is free, and the performance is well worth the price ;+).   Needless to say, I will drop AOL to the "light use" rate of $4.95 just for flash mail, and use either NetZero or my Juno gold web access which is faster at this location than NetZero. I'd guess the blue light special is equal at least, as I've found Yahoo to be good in all other areas. Yeah, we hams tent to be chea .. oops! Thrifty - 72 - George

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Date: Fri, 4 Feb 2000 17:51:47 EST
From: K1DXradio@aol.com
To: qrp-l@lehigh.edu
Subject: [62164] Re: OT: Free ISP's
Message-ID: <62.12b4e9d.25ccb203@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I meant to mention why I consider AOL to be a ripoff. I frequently am not able to access websites - any websites - because AOL evidently isn't able to keep up with the expansion. Getting personal service is all but impossible. If I complain, I simply get a form letter email telling me why I am at fault. That doesn't set well with. NetZero ALWAYS works for me, and it doesn't cost $21.95. Yeah, I'm cheap (in addition to being a grumpy OT). 72 - George

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Date: Fri, 04 Feb 2000 17:52:38 -0500
From: Tom M <tjmc@erols.com>
To: w5hir@ghg.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [62165] Re: PSK31 frequencies
Message-ID: <389B5836.E6C3C560@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> I had my PSK31 setup working with a jury rigged setup, then I tried to
> pretty the thing up... three months later.....<GRIN>.
> I know if the frequencies on 40 and 20, but are there other frequencies

To my knowledge...as per the "official" PSK31 page;
1838.150
3580 "
7035 "
10140 "
14070 "
18100 "
21080 "
24920 "
28120 "

On PSK31 note;
I tried PSK31, the new DIGIPAN prgm... excellent!
Because my rig laptop doesn't have a sound card, I used my main computer ACROSS the room with the mic for input. WOW , PSK31 in the computer 10ft away from the rig with full copy.
What a hoot.

73
Tom aa2vk

Date: Fri, 4 Feb 2000 14:56:45 -0800 (PST)

From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [62166] Re: Valentines reminder/XYL Happiness!!
Message-ID: <Pine.GSO.4.10.10002041453200.15865-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yea, yea, yea......

After taking Carol out for that Valentines Day lunch, I
find out that I'm a week ahead!

ATTEN: MARY....

Look for a new thing on Carol's finger next time you
guys are here!

And I'm gonna blame Mary for this....she is the first
one to tell me about that funny heart day. Now it's
just cost me a bunch, just cuz I was early!

Geeeeeesssssshhh....

And to top that off, the feed store here in the valley
is out of good leg hold traps! Gotta hit the catalogs!

OK, back in my hole....

73, Ron

.........KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu....Washoe Lake, Nevada....NRA LIFE....
.....SOWP 5545M.......WHINERS #1........ZOMBIE #18.....

Date: Fri, 04 Feb 2000 17:04:20 -0600
From: Dave Sjolin <sjolin@swbell.net>
To: Arjen.Raateland@vyh.fi
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [62167] Re: 6 meter transverter
Message-ID: <389B5AF4.54817342@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Arjen Raateland wrote:

>
> a lot of info picturing the quality of their transverters. I did wonder
> about the second harmonic of 28 MHz being close to 50-54 MHz myself,
> too, but I don't remember seeing any info on spectral purity. 14 MHz has
> harmonics close to 6 m, too, but probably less problematic because it's
> the 4th. On HF local requirements are stricter than in the USA, but on
> VHF there may be no difference between the US and Finnish requirements.

The DEM 6 meter transverter was reviewed in QST magazine about two or three years ago. That earlier version was a little rough from harmonic standpoint and they recommended use of low pass filter which they sell at their web site. The review and I think a follow up are available on the ARRL Members only website in PDF format.

> I couldn't find any clear indication of how wide the IF rig needs to
> tune to cover all of the 6 m band, i.e. if the transverter has a switch
> for e.g. 2 times a 2 MHz wide band or if it needs a 4 MHz 'wide' IF.

IF needs to tune 4 mhz. I believe you can get a version set for 26-30 mhz if your HF gear will go that low. Unless you are interested in FM, virtually all activity will be in the lower 400 khz of the band.

> The DEM transverters are quite a bit more expensive than the TT ones.
> The kits are 295$ & 95$ respectively! (What instruments are needed to
> align them properly??)

I used to own the two meter version. It was already built but I don't recall anything from the instructions that would lead me to think you need anything unusual to align properly. I do believe, however, that it is largely surface mount technology.(Fair warning)

Another thing you should be aware of. While the DEM units work great, they do not look like commercial ham gear. My first impression was that it looked home brew. For example, the cabinet is not painted.

Arjen, I was very happy with my two meter transverter and I would still have it if I hadn't run into a cash flow problem a while back. Based on my experience and that of others who have commented on the unit on the vhf reflector, I think you would be very happy with the transverter. DEM customer support is tops, although it might not be as easy for you from outside the US.

73 de Dave, N0IT

Date: Fri, 04 Feb 2000 18:08:56 EST
From: n5ib@juno.com

To: qrp-l@Lehigh.edu
Subject: [62168] Deja Vu All Over Again - with apologies to Yogi
Message-ID: <20000204.170256.8047.2.N5IB@juno.com>

Here I sat listening to the roar of my CPU fan, speculating on whether I'd be able to find another one. Whether to attempt a lube&oil job on it? Will I ever bag another fox? I life is worth living?

Along comes Alan's question about fans, then Dave's informative reply. Half hour of following Dave's instructions later - no more fan noise. Is this list great, or what !?! It doesn't get any better than this.

Wait! It just got better. While I'm cleaning the fan my bride of 27 years, WD5CMA, chimes up on two meters to tell me that "I'd just bought her a valentine's present" - diamond earrings on 50% off sale at Parisian. She's thrilled I'm so "thoughtful." I get a yard pass and permission to spend money at the hamfest in Jackson MS tomorrow. We hit a snag when I suggested that since she got a half price special, I should be allowed to spend twice as much as I'd budgeted ---- I'm no fool. I know when to not to push my luck!

Hope to meet some of you at the QRP forum tomorrow at 10am in Jackson. I'll bring the prototype of the HTX-10 cw adapter, as well as a few of my wood box play-pretties.

72 all,
Jim N5IB

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http://dl.www.juno.com/get/tagj.

Date: Sat, 5 Feb 2000 10:26:15 +1100
From: "Graeme Zimmer" <gzimmer@bigpond.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [62169] Re: PSK-31 stand alone
Message-ID: <01d201bf6f67$634d7b00$0d5b868b@zimslaptop>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi again,

Thanks for all the encouraging replies re my PSK31 project....

Some further details as requested...

It all started when I needed a PSK31 beacon TX for my Earth Current experiments (that's another long story!) so I made up a simple PIC PSK31 generator. This worked so well and was so much fun that I decided to have a go at a PSK31 receiver as well.

To cut short a long story, the final version uses a switched capacitor filter and an analogue PLL PSK detector. And no, it's not done in DSP! The poor little PIC is flat out just encoding/decoding PSK31 and looking after the K/Board and LCD.

The first problem I had was in regenerating the bit clock from the baseband signals, but eventually got that working.

The biggest proplem I had was in handling the high level of phase jitter in HF radio signals. I can see now why Peter G3PLX implemented his receiving software as differential PSK rather than true Coherent detection...

Anyway, thanks for the encouragement. I've got all keen again, so will go tidy it up and design a PCB. Eventually I'll put up a Web page....

73's ..... Zim VK3GJZ

Date: Fri, 4 Feb 2000 18:38:12 -0500
From: "A. Jenkins" <beaks@westco.net>
To: "QRP-L" <QRP-L@Lehigh.edu>
Subject: [62170] Want SGC
Message-ID: <003001bf6f68$e76c9c80$844ff5cd@beaks>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang, anyone on the list have an SGC 2020 they would like to part with? If so, please drop me an email at beaks@westco.net with the details.
Thanks!
Arch N8EAG
Fairmont, WV

End of QRP-L Digest 1721
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